PTO/SB/08A (10-96)
App for use through 10/31/99. OMB 0651-0031
Patent and Tradem Office: U.S. DEPARTMENT OF COMMERCE collection of information unless it contains a valid OMB control number.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

Substitute	for form	1449A/PTO	
Subsiliule	TOT TOTAL	1449A/P I U	

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 1 of 1

Complete if Known								
Application Number								
Filing Date		<u> </u>						
First Named Inventor	Charles C. Romaniuk	S _I C						
Group Art Unit		3						
Examiner Name		6						
Attorney Docket Number	2000-003	90						

	U.S. PATENT DOCUMENTS									
Examiner Initials*	Cite No.1	Number	nd Code ²	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear				
194	AA	4,817,207		Smith et al.	03-28-1989	FIG. 1, col. 2				
Pu	AB	5,274,651		Urakami	12-28-1993					
pw	AC	6,035,079		Fields et al.	03-07-2000	FIG. 2, col. 3-6				
			+							
			+		 					
			+		1					
			+							
						· · ·				
			-							
			\perp							
			++							
			+							

				FORE	IGN PATENT DOCUMEN	TS		
	0.11	F	oreign Patent Do		Name of Patentee or	Date of Publication of	Pages, Columns, Lines, Where Relevant	
Examiner Cite Initials No.1		Office ³	Number ⁴	Kind Code ⁵ (if known)	Applicant of Cited Document	Cited Document MM-DD-YYYY	Passages or Relevant Figures Appear	T6
		igspace			······································			
					·····			-
		 				-		+
		 			·		· · · · · · · · · · · · · · · · · · ·	1
		-						

Examiner Signature	Panky	Kinn	Date Considered	3/204

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

Please type a plus sign (+) inside this box) 	_
	_	- 1

PTO/SB/08B (10-96)

Apped for use through 10/31/199. OMB 0651-0031

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Company of information unless it contains a valid OMB control number

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCO

Substitute for form 1449B/PTO				•	Complete if Known			
					Application Number		ο Α.σ.	
INFC	RMATI	ON I	DISC	LOSURE	Filing Date			
STATEMENT BY APPLICANT				PLICANT	First Named Inventor	Charles C. Romaniuk		
				LIOAIII	Group Art Unit			
	(use as ma	ny she	ets as n	ecessary)	Examiner Name		2.0	
Sheet	1	of	F	1 _	Attorney Docket Number	2000-003	183	
·							D T	

		OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS	,,,,,,,
Examiner Initials*	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T²
	AD	BOPP, M., HÜTHER, G., SPATSCHECK, TH., SPECKER, H., & WIESMANN, TH. (1991) BPSK homodyne and DPSK heterodyne receivers for free-space communication with Nd:Host lasers. "SPIE: Optical Space Communication II, 1522" 199-209	
	ΑĒ	MECHERLE, G.S. (1992). Direct phase modulation of laser diodes, "SPIE: Free-Space Laser Communication Technologies IV, 1635" 63-73 WAR POWNED	
	ΑF	MECHERLE, G.S., & HENDERSON, R-J-(1991): Homodyne-PSK receivers with laser diode sources. "SPIE: Free-Space Laser Communication Technologies III, 1417" 99-107 **Not Provided**	
	AG	-STREMLER, F.G. (1990). "Introduction-to-Communication-Systems" (3rd-ed.)Reading, MA: Addison-Wesley Publishing Company. p. 618-619	

Examiner Signature	Party	Bunn/	Date Considered	B/2014

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² Applicant is to place a check mark here if English language Translation is attached.